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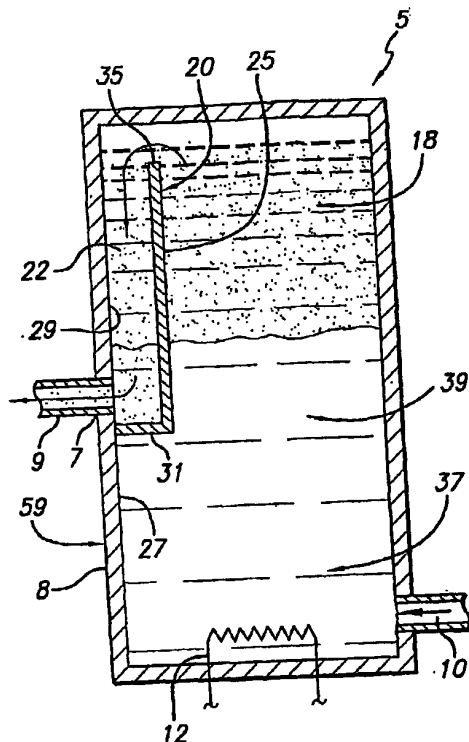
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60/395,939 **15 July 2002 (15.07.2002)** **US**
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[Continued on next page]

(54) Title: **HEATED SUBSTANCE RESERVOIR BAFFLE**



(57) Abstract: A heated water reservoir for use as a heated water dispenser, in conjunction with a beverage dispenser or for other uses. The heated water reservoir (5) includes a baffle (20) which communicates with an outlet port (7) positioned along the reservoir and an upper portion of the reservoir. In the reservoir a quantity of water is retained in a heated condition with an upper portion of the reservoir containing generally heated water of a higher temperature. An upper edge (35) of the baffle is positioned relative to the upper portion of the heated water reservoir such that passage of water from the reservoir into a cavity (22) defined, at least in part, by the baffle facilitates flow of water over the upper edge and into the outlet port. In this manner, water having a higher temperature is dispensed from the reservoir.

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**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,

JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22277

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A47J 31/00

US CL : 99/300, 307, 305; 222/146.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 99/300, 307, 305, 306, 290, 280, 283; 222/146.5, 641, 644, 65, 54, 638; 392/451, 450, 445, 466

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,922,809 A (FUHNER) 08 May 1990, see entire document.	1
A	US 6,360,650 B1 (MANGIAPANE) 26 March 2002, see entire document.	1

☐ Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.

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Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

A heated water reservoir for use as a heated water dispenser, in conjunction with a beverage dispenser or for other uses. The heated water reservoir (5) includes a baffle (20) which communicates with an outlet port (7) positioned along the reservoir and an upper portion of the reservoir. In the reservoir a quantity of water is retained in a heated condition with an upper portion of the reservoir containing generally heated water of a higher temperature. An upper edge (35) of the baffle is positioned relative to the upper portion of the heated water reservoir such that passage of water from the reservoir into a cavity (22) defined, at least in part, by the baffle facilitates flow of water over the upper edge and into the outlet port. In this manner, water having a higher temperature is dispensed from the reservoir.